



Dart Aerospace Ltd.
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RBE350A94-2706-00-05A

Job Sheet 180111



Part No: RBE350A94-2706-00-05A

Job Qty: ~~30 ea~~ 32

Part Name: Pin Shaft



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 6/28/18

Job Tracking No:

Due Date: 7/30/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RBE350A94-2706-00 REV 6 IPP REV A 18-01-15 NEW ISSUE JFC VERIFIED DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	30 Ea	7/30/18	7/30/18	0.00	0.00	Start Up Machining-3		18/08/24
110	CNC Lathe	30 pcs	7/30/18	7/30/18	0.00	15.00	MORI SL-154		18/08/24
120	QC	30 pcs	7/30/18	7/30/18	0.00	0.00	QC2 Machining-4		18/08/24
130	QC	30 pcs	7/30/18	7/30/18	0.00	0.00	QC8 Machining-4		18/08/24
140	Packaging	30 pcs	7/30/18	7/30/18	0.00	0.00	Packaging3-1		18/08/24
150	QC21-SA	30 Ea	7/30/18	7/30/18	0.00	0.00	QC21		18/08/24

Part Op 110 - 1-Machine as per DWG. FB736 FOLIO REV: _____ DWG REV: _____ 2-Deburr 3-Engrave Dash
Descriptions: number Using Marktronic engraver as per DWG.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
88625K67	Dowel Pin Ø8mm x 40mm	30 ft (1 ea)	90-Start up Operation	

Job Allocations

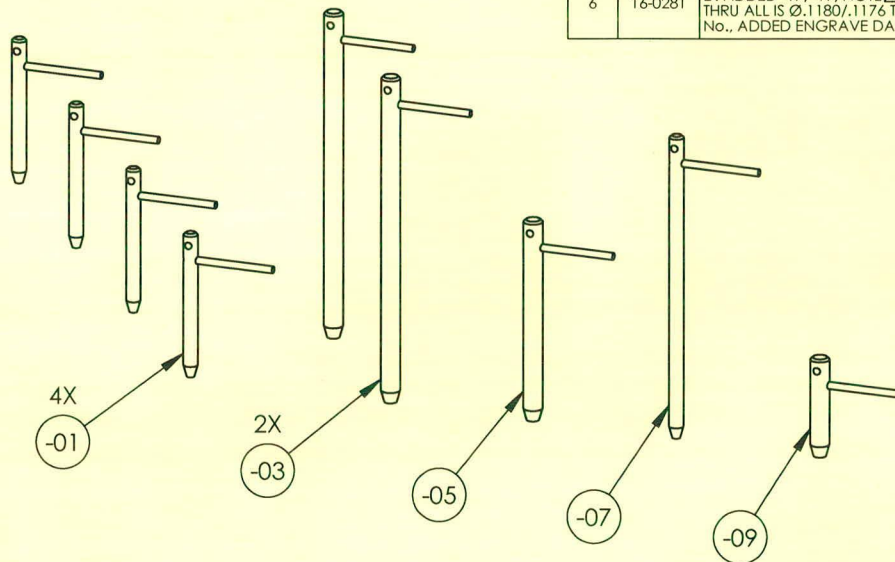
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	88625K67	30	126	0

Part Specifications

Specifications could not be found.

Plex 7/23/18 7:48 AM dart.logan.david

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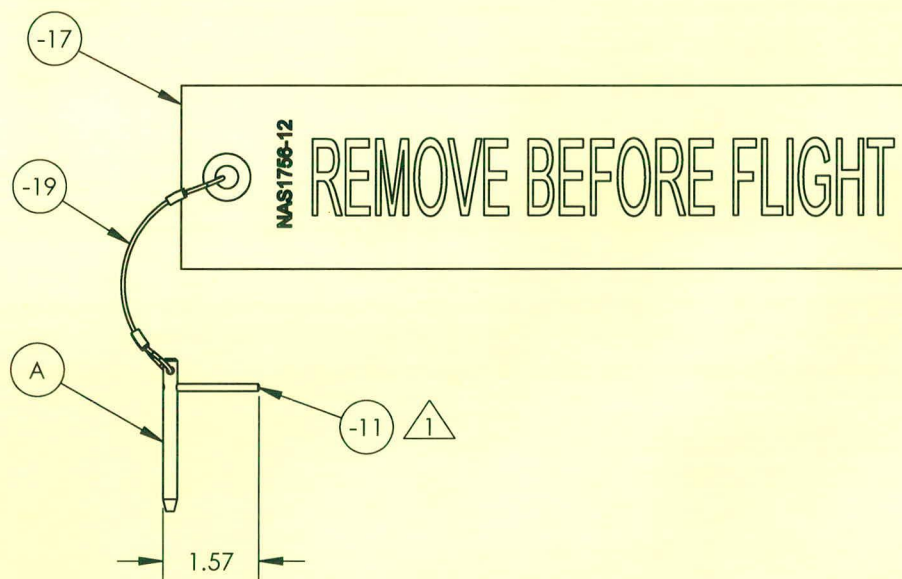
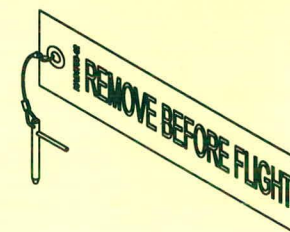
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		DESIGNED PER HELI PRODUCTS TOOLS.	9/11/2009	WP	DW
2		ADDED ONE MORE -03 PIN, FLAG AND CABLE TIE.	6/14/2010	WP	DW
3		MOVED LENGTH B DIMENSION TO Ø.118in. HOLE CENTERLINE & ADDED 1.5mm TO -01 THRU -09 PINS IN TABLE. ADDED A TOLERANCE TO Ø.118in HOLE TO ACHIEVE A LIGHT PRESS FIT FOR -11. CH'D HOLE FROM Ø.118 TO Ø.113 FOR CABLE TIES END OF PIN PER S.E.	12/15/2010	RJC	RW
4		CORRECTED PIN VIEW SHEET 1 AND CH'D Ø.113 [Ø2.9mm] HOLE TO Ø.118 [Ø3.0mm] PER G.E.	5/9/2012	RJC	GE
4A		CH'D T/N WAS RBEA94-2706-00 IS RBE350A94-2706-00.	11/6/2013	RJC	RW
5	15-0120	UPDATED TO NEW DRAFTING STANDARDS. CH'D TOLERANCE BLOCK WAS .XXX ± .004 IS .XXX ± .005. ADDED P/N'S -01A, -03A, -05A, -07A, -09A. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	5/26/2015	DPD	JAG
6	16-0281	UPDATED TO DRAFTING STANDARD. -01, -03, -05, -07, -09 ADDED FINISH SPEC QSMI-6.2.2, B.O. REV D. ADDED -17, -19, NOTE Δ. -01A, -03A, -05A, -07A, -09A CH'D DIM WAS 2X Ø.118 ± .001/-0.000 THRU ALL IS Ø.1180/.1176 THRU ALL (P.F. -11). ADDED DIM Ø.12 THRU ALL. ADDED ENGRAVE DASH No., ADDED ENGRAVE DASH No. COLUMN TO TABLE.	1/12/2017	RJC	JAG

ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				X		-01	4	PIN			2
				1		-01A		PIN SHAFT	O-1	Ø6mm X 3 FT (MCMASTER-CARR #88625K65) MODIFIED	3
			X			-03	2	PIN			2
			1			-03A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
		X				-05	1	PIN			2
		1				-05A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
	X					-07	1	PIN			2
	1					-07A		PIN SHAFT	O-1	Ø6mm X 3 FT (MCMASTER-CARR #88625K65) MODIFIED	3
X						-09	1	PIN			2
1						-09A		PIN SHAFT	O-1	Ø8mm X 3 FT (MCMASTER-CARR #88625K67) MODIFIED	3
1	1	1	1	1	B/O	-11		DOWEL PIN	STEEL	Ø3mm X 40mm (MCMASTER-CARR #91595A142)	2
					B/O	-13	1	RE-SEALABLE PLASTIC BAG		5 IN X 6 IN APPROX.	N/S
A/R	A/R	A/R	A/R	A/R	B/O	-15		LOCTITE 680			2
1	1	1	1	1	B/O	-17		FLAGS, REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	2
1	1	1	1	1	B/O	-19		CABLE TIE	BLACK NYLON	(MCMASTER-CARR #7189K31)	2
ASSY -09	ASSY -07	ASSY -05	ASSY -03	ASSY -01							

		TITLE	
		RIGGING PIN SET	
DWG NO.		REV	
RBE350A94-2706-00		6	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH		.XX ± .01 ANGLES ± 5°	
SPEC		.X ± .1 SURFACES = 125/	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES	
CHECKED: DUERFELDT		.015 x 45° OR .015R	
OPPS APPR: ANDERSON		2. DIMENSIONAL LIMITS APPLY	
QA APPR: LINDSAY		AFTER PLATING	
APPROVED: GILBERT		3. INTERPRET DIM AND TOL PER	
SCALE 1:3		ASME Y14.5M-2009	
DATE 9/11/2009		USED ON MODEL	
SHEET 1 OF 3		EUROCOPTER AS350/355	

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
6	16-0281	-01, -03, -05, -07, -09 ADDED FINISH SPEC QSMI-6.2.2, B.O. REV D. ADDED -17, -19, NOTE Δ.			1/12/2017	RJC	JAG



ASSY P/N	A P/N
-01	-01A
-03	-03A
-05	-05A
-07	-07A
-09	-09A

NOTE:

1 USE LOCTITE 680 TO ASSEMBLE.

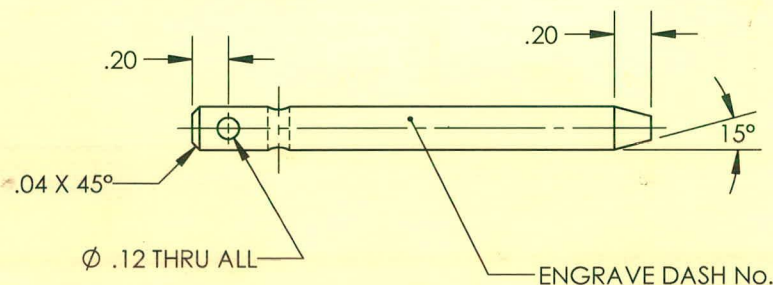
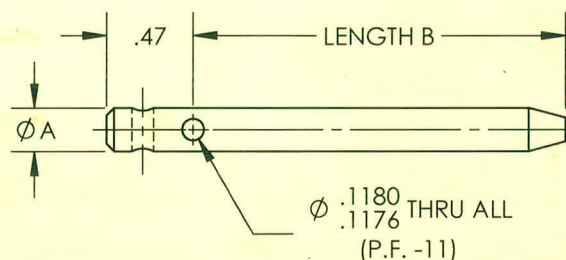
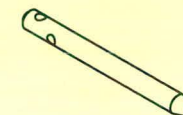
DART AEROSPACE	
TITLE RIGGING PIN SET	
DWG NO. RBE350A94-2706-00-01	REV 6
MAT'L REAR TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓ QMSI-6.2.2, B.O. REV D
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EUROCOPTER AS350/355
SCALE 1:3	DATE 9/11/2009 SHEET 2 OF 3

-01, -03, -05, -07, -09

PIN

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		MOVED LENGTH B DIMENSION TO Ø.118in. HOLE CENTERLINE & ADDED 1.5mm TO -.01 THRU -.09 PINS IN TABLE. ADDED A TOLERANCE TO Ø.118in HOLE TO ACHIEVE A LIGHT PRESS FIT FOR -.11. CH'D HOLE FROM Ø.118 TO Ø.113 FOR CABLE TIES @ END OF PIN PER S.E.	5/26/2015	RJC	RW
4	15-0120	CH'D TOLERANCE BLOCK WAS .XXX ± .004 IS .XXX ± .005.	5/26/2015	DPD	JAG
6	16-0281	-01A, -03A, -05A, -07A, -09A CH'D DIM WAS 2X Ø.118 +.001/- .000 THRU ALL IS Ø.1180/.1176 THRU ALL (P.F. -.11). ADDED DIM Ø.12 THRU ALL. ADDED ENGRAVE DASH No., ADDED ENGRAVE DASH No. COLUMN TO TABLE.	1/12/2017	RJC	JAG



-01A, -03A, -05A, -07A, -09A

PIN SHAFT

ENGRAVE	PIN DIMENSION TABLE		
DASH No.	P/N	ØA	LENGTH B
-01	-01A	6mm	2.028
-03	-03A	8mm	5.177
-05	-05A	8mm	3.012
-07	-07A	6mm	4.783
-09	-09A	8mm	1.240

DART AEROSPACE	
TITLE RIGGING PIN SET	
DWG NO. RBE350A94-2706-00-01A	REV 6
MAT'L O-1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -01, -03, -05, -07, -09	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EUROCOPTER AS350/355
SCALE 1:1	DATE 9/11/2009 SHEET 3 OF 3

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART
AEROSPACE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order:		DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No.		Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
NCR No.		Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
		Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
		Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		☐
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			
Root Cause											
Environment	☐	No Re-verification	☐	DART Aerospace Ltd. 12710 Aberdeen Street Hawthornbury, ON K6A 1K7 CANADA TEL: 1 913 632-5200 Email: sales@dartaero.com www.dartaero.com DART AEROSPACE Container No: S105248 Part: RBE350A94-2706-00-05A Job No: 180111 Serial No/Batch: S105248 Revision: 6 Inspector: Exp Date: Instructions: Date: 08/26/18				Positioned Wrong			
Design	☐	Operator	☐					Outside Dimensions			
Doc/Data	☐	Offset/Setup	☐					Over/Under tolerance			
Equip/Tooling	☐	Supplier	☐					Part Incorrect			
Handling/Pre	☐	Training	☐					Part Lost/Missing			
Material	☐	Use for Testing	☐					Part Moved			
Internal Transport	☐	Poor Information	☐					Drawing			
Tribal Knowledge	☐	Rushing	☐					Finish			
LOA	☐	Product Improvement	☐					Misread			
Substation	☐	Process Improvement	☐					Turning Sequence			
Past Expiry Date	☐	Manufacturing Process	☐	Mislabeled							
Misidentified	☐	Past Due	☐	Fit/Function							
OTHER :				Misaligned/off center							